

WHAT IS CLAIMED AS NEW AND DESIRED TO BE SECURED BY LETTERS  
PATENT OF THE UNITED STATES IS:

1. Spray boom comprising:

5       - an end section connected to a second section by an articulation,

        - a holding device intended to keep said end section in an initial position as long as a pivoting force has not reached a certain triggering threshold,

10       wherein, after triggering, a return of said boom to the initial position is due solely to a weight of said end section.

2. Spray boom as claimed in claim 1, wherein said articulation comprises a ball joint, a guide rail, and two  
15 pins.

3. Spray boom as claimed in claim 1, wherein said holding device comprises at least one jaw.

4. Spray boom as claimed in claim 3, wherein said at least one jaw is held closed by a spring.

20       5. Spray boom as claimed in claim 2, wherein said holding device comprises at least one jaw, and wherein, in the initial position, one of said two pins is engaged in said at least one jaw.

10050957.012202

6. Spray boom as claimed in claim 2, wherein said holding device comprises at least one jaw and wherein said at least one jaw is connected to said guide rail by another articulation, an axis of which is vertical.

5 7. Spray boom as claimed in claim 2, wherein said holding device comprises at least one jaw and wherein said at least one jaw comprises a shape which complements a shape of said pins.

8. Spray boom as claimed in claim 2, wherein said  
10 holding device comprises at least one jaw and wherein said at least one jaw comprises a chamfer making it easier for said pins to return to the initial position.

9. Spray boom as claimed in claim 2, wherein said guide rail comprises a stop intended to prevent excessive  
15 pivoting of said end section about said articulation.

10. Spray boom as claimed in claim 3, wherein said at least one jaw is held closed by a spring, and wherein said at least one jaw comprises recesses intended to accommodate said spring, allowing the triggering threshold of said  
20 holding device to be altered.

11. Agricultural sprayer which comprises at least one boom as claimed in claim 1.